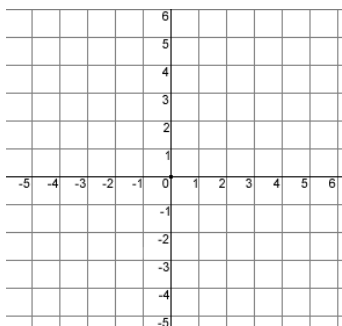


**Chapter 6 - Worksheet 2**6.1: Solving Systems by Graphing

**Graph** each system of equations. **Then determine** whether the system has **no solution**, **one solution**, or **infinitely many solutions**. If the system has **one solution**, name it:  $(x, y)$

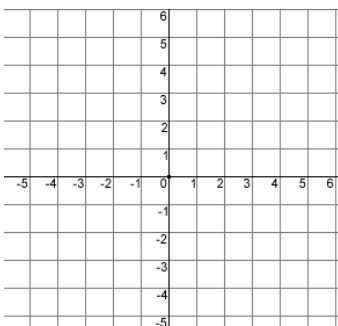
1.  $y = x + 3$  \_\_\_\_\_

$y = x - 1$



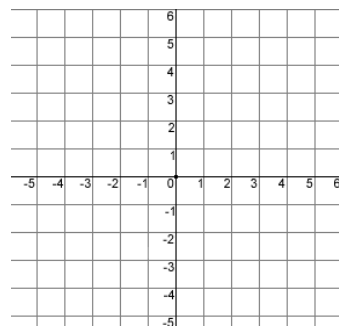
2.  $y = 2x - 1$  \_\_\_\_\_

$3y = 6x - 5$



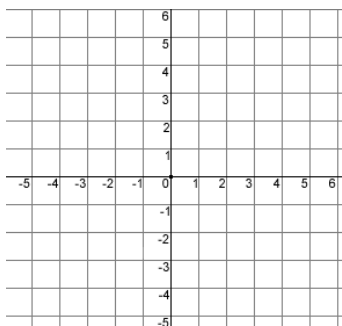
3.  $3x + y = 2$  \_\_\_\_\_

$4y = 12 - 12x$



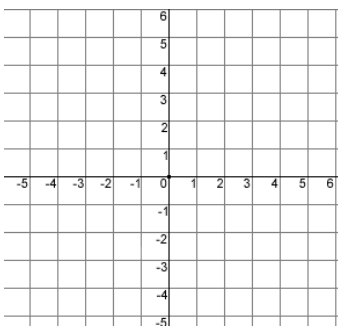
4.  $2x - 2y = 5$  \_\_\_\_\_

$y = x - 4$



5.  $y = 2x - 2$  \_\_\_\_\_

$2y = 4x - 4$



6.  $y - x = 5$  \_\_\_\_\_

$3y = 3x + 15$

